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ABSTRACT

NOVEL HUMAN TUMOR PROTEINS

The present invention provides novel human tumor proteins (collectively called TUPRO) and polynucleotides which identify and encode TUPRO. The invention also provides genetically engineered expression vectors and host cells comprising the nucleic acid sequences encoding TUPRO. The invention also provides pharmaceutical compositions containing TUPRO or antagonists to TUPRO, and in the use of these compositions for the treatment of diseases associated with the expression of TUPRO. Additionally, the invention provides for the use of antisense molecules to polynucleotides encoding TUPRO for the treatment of diseases associated with the expression of TUPRO. The invention also provides diagnostic assays which utilize the polynucleotide, or fragments or the complement thereof, to hybridize to the genomic sequence or transcripts of polynucleotides encoding TUPRO or anti-TUPRO antibodies which specifically bind to TUPRO.